

**Figure 1**

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ATG AAA AAA GCA GTC ATC AAC GGG GAA CAA ATC AGA AGT ATC AGC GAC

CTC CAC CAG ACA TTG AAA AAG GAG CTT GCC CTT CCG GAA TAC TAC GGT

GAA AAC CTG GAC GCT TTA TGG GAT TGT CTG ACC GGA TGG GTC GAG TAC

CCG CTC GTT TTG GAA TGG AGG CAG TTT GAA CAA AGC AAG CAG CTG ACT

GAA AAT GGC GCC GAG AGT GTG CTT CAG GTT TTC CGT GAA GCG AAA GCG

GAA GGC TGC GAC ATC ACC ATC ATA CTT TCT TAA

Figure 2A

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M K K A V I N G E Q I R S I S D

L H Q T L K K E L A L P E Y Y G

E N L D A L W D C L T G W V E Y

P L V L E W R Q F E Q S K Q L T

E N G A E S V L Q V F R E A K A

E G C D I T I I L S \*\*\*

**Figure 2B**

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ATG AAG AAG GCT GTG ATC AAT GGA GAA CAA ATC AGA TCT ATC TCA GAC  
CTT CAT CAA ACT TTG AAG AAG GAG CTT GCT CTT CCT GAG TAC TAT GGT  
GAG AAC TTG GAC GCT TTG TGG GAT TGT CTT ACT GGA TGG GTT GAG TAC  
CCT CTT GTT TTG GAA TGG AGG CAA TTC GAG CAA TCT AAG CAA CTT ACT  
GAG AAT GGA GCT GAG AGC GTT CTT CAA GTG TTT AGA GAA GCT AAG GCT  
GAA GGA TGT GAC ATC ACT ATC ATT CTT TCT TAA

**Figure 3A**

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M K K A V I N G E Q I R S I S D

L H Q T L K K E L A L P E Y Y G

E N L D A L W D C L T G W V E Y

P L V L E W R Q F E Q S K Q L T

E N G A E S V L Q V F R E A K A

E G C D I T I I L S \*\*\*

**Figure 3B**

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	1	Met Lys Lys Ala Val Ile Asn Gly Glu Gln Ile Arg Ser Ile Ser Asp
wt	1	ATG AAA AAA GCA <b>GTC ATT AAC</b> GGG GAA CAA ATC AGA AGT ATC AGC GAC
mod		ATG AAG AAG GCT GTG ATC AAT GGA GAA CAA ATC AGA TCT ATC TCA GAC

	17	Leu His Gln Thr Leu Lys Lys Glu Leu Ala Leu Pro Glu Tyr Tyr Gly
wt	49	CTC CAC CAG ACA TTG AAA AAG GAG CTT GCC CTT CCG GAA TAC TAC GGT
mod		CTT CAT CAA ACT TTG AAG AAG GAG CTT GCT CTT CCT GAG TAC TAT GGT

	33	Glu Asn Leu Asp Ala Leu Trp Asp Cys Leu Thr Gly Trp Val Glu Tyr
wt	97	GAA AAC CTG GAC GCT TTA TGG GAT TGT <b>CTG ACC GGA TGG GTC GAG TAC</b>
mod		GAG AAC TTG GAC GCT TTG TGG GAT TGT CTT ACT GGA TGG GTT GAG TAC

	49	Pro Leu Val Leu Glu Trp Arg Gln Phe Glu Gln Ser Lys Gln Leu Thr
wt	145	CCG CTC GTT TTG GAA TGG AGG CAG TTT GAA CAA AGC AAG CAG <b>CTG ACT</b>
mod		CCT CTT GTT TTG GAA TGG AGG CAA TTC GAG CAA TCT AAG CAA CTT ACT

	65	Glu Asn Gly Ala Glu Ser Val Leu Gln Val Phe Arg Glu Ala Lys Ala
wt	193	GAA AAT GGC GCC GAG AGT GTG <b>CTT CAG GTT</b> TTC CGT GAA GCG AAA GCG
mod		GAG AAT GGA GCT GAG AGC GTT CTT CAA GTG TTT AGA GAA GCT AAG GCT

	81	Glu Gly Cys Asp Ile Thr Ile Ile Leu Ser ***
wt	241	GAA GGC TGC GAC ATC ACC ATC ATA CTT TCT TAA
mod		GAA GGA TGT GAC ATC ACT ATC ATT CTT TCT TAA

Figure 4

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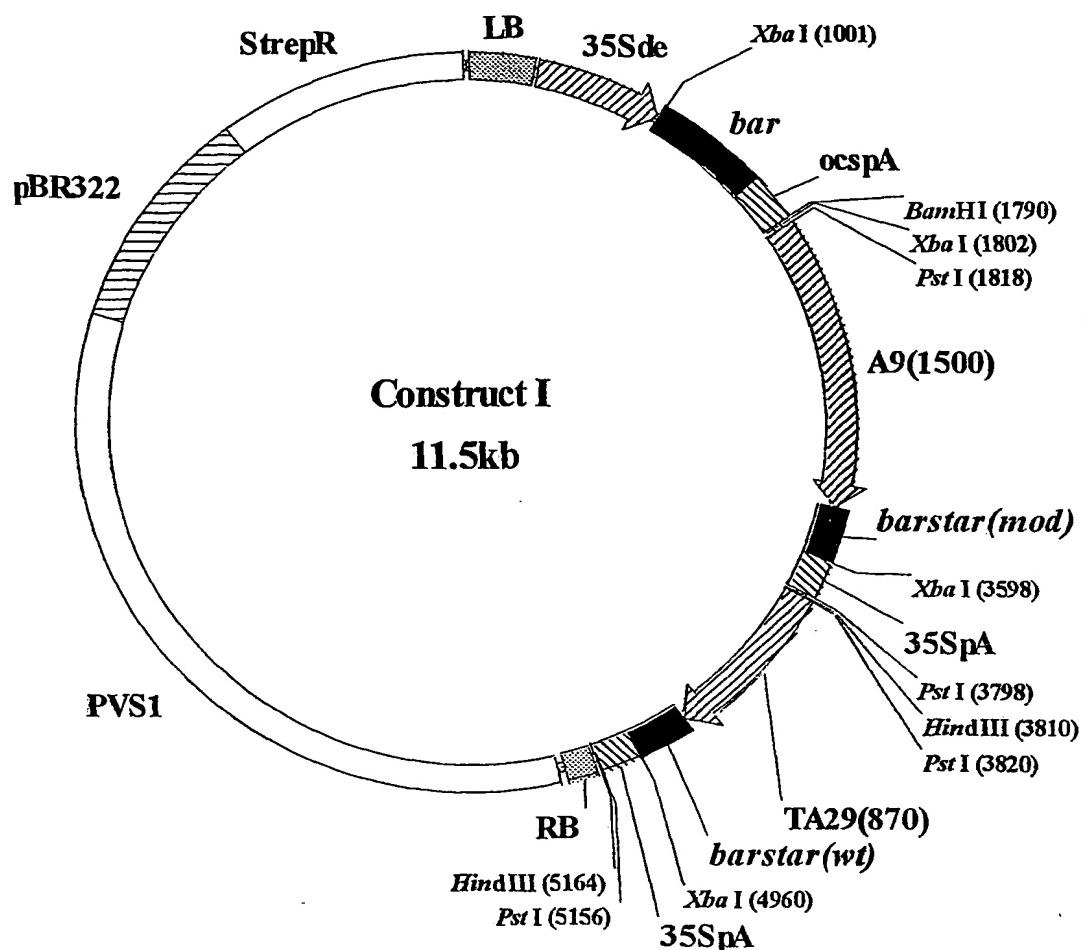


Figure 5

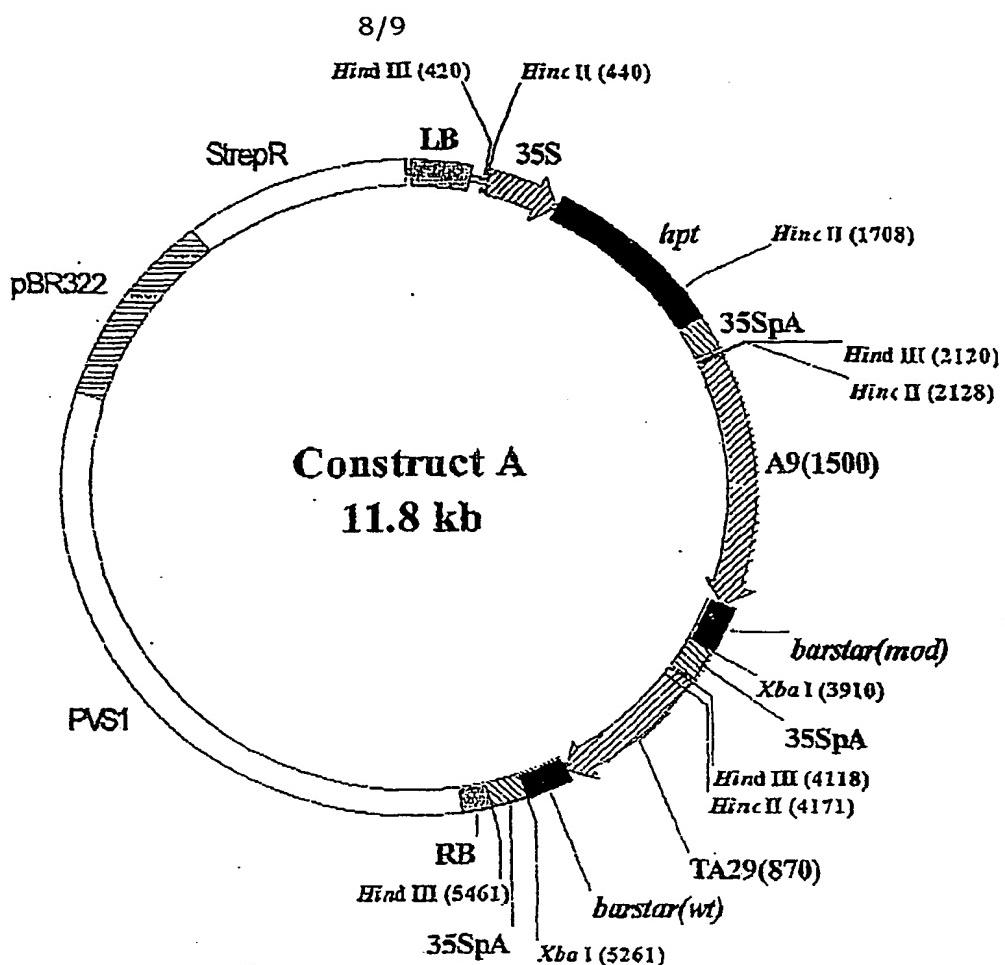


Figure 6

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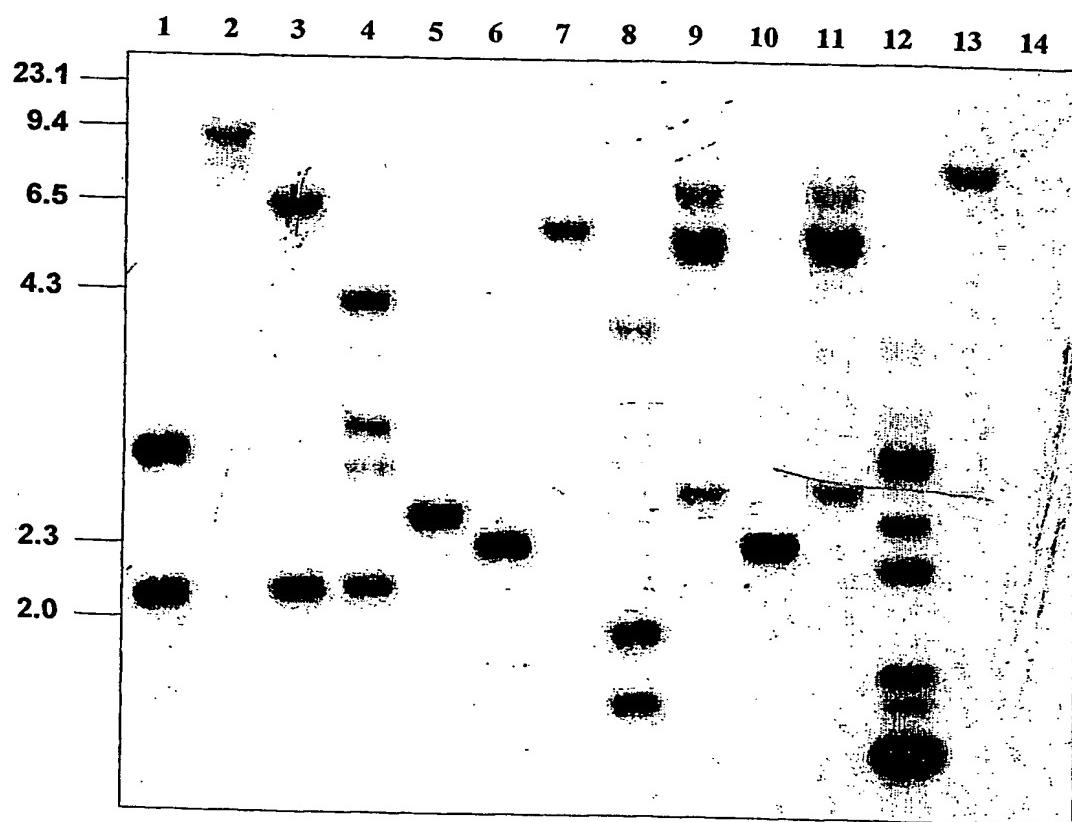


Figure 7